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IN - LEE S M; PARK J S

MC - A04-C01A A08-R06B

PA - (KOKU-N) KOREA KUMHO PETROCHEMICAL CO LTD

PN - KR411863 B 20031218 DW200425 C08L53/00 000pp

- KR2002050493 A 20020627 DW200325 C08L53/00 001pp

PR - KR20000079650 20001221

XA - C2003-065763

XIC - C08L-053/00

AB - KR2002050493 NOVELTY - Provided are nanocomposites of styrene-based block copolymers/organized montmorillonites, which are excellent in mechanical properties such as permeability and tensile strength.

- DETAILED DESCRIPTION - The nanocomposites of styrene-based block copolymers/organized montmorillonites are produced by a process comprising the steps of: dissolving a polystyrene resin with a low molecular weight in tetrahydrofuran; mixing and drying the resultant with the organized montmorillonites to produce a master batch; melting and mixing the master batch and the styrene-based block copolymers. The polystyrene resin with a low molecular weight has a molecular weight of 5,000-20,000g/mol.

- (Dwg.1/10)

IW - PROCESS PRODUCE STYRENE BASED BLOCK COPOLYMER

IKW - PROCESS PRODUCE STYRENE BASED BLOCK COPOLYMER

INW - LEE S M; PARK J S

NC - 001

OPD - 2000-12-21

ORD - 2002-06-27

PAW - (KOKU-N) KOREA KUMHO PETROCHEMICAL CO LTD

TI - Process for producing nanocomposites of styrene-based block copolymers